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الكان الم جراء منه المائة Eig a=b Lie $a,b\in J$ Spirit $a\in G$ of a+b=b+S $\Rightarrow b(a)=b(b)$ (a+b) = (a+b) + I = (a+1) + (b+1) = (a) + (b)+ ACB; 6()a)=()a)-[=](a+I)=](a) 6([a,b]) = [a,b]+[= [a,c],b+[]=-[6(a),6(b)]

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φ + 5	ic pyll and Choda cityle Lipa
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da ([c,x]) = [da(c), x]+[c,da(x)] تن لاغتان ي [da(c), n] = da([c, n]) [c, da(n)] $d_{a(c)}(x) = da(dc(x)) - de(da(x)) - (dade - deda)(x)$ $= \left[da / dc \right](x)$ $d_{a(dc)} = de(dc)(x)$ $= \left[da / dc \right](x)$ = da(dc)(x) $= \left[da / dc \right](x)$ = da(dc)(x) = da(dc)(x) = da(da(x)) - de(da(x)) - (dade - deda)(x) = da(da(x)) - (da(a(x))) - (da(a(x))) = da(da(a(x)) - (da(a(x))) - (da(a(x))) = da(a(x) - (da(a(x))) - (da(a(x))) = da(a(x) - (da(a(x))) - (da(a(x))) = da(a(x)) - (da(a(x)) - (da(a(x))) = da(a(x) - (da(a(x))) - (da(a(x))) Derles Dance Inna (A) aiso الحدة عمرك نوم اللقة عمرالدية المحددة عمد اللقة عمراك أخرية المحددة عمد اللقة عمراك أخرية المحددة ال + Z(A) C A

(ο, χ) = ο ⇒ ο ∈ Z(A) c j Va,be Za) i (a,x) so [b,x]=0 (6.8 dos ZCA) ci ipi [a-p,x]=[a,x]-[b,x]=0-0-a-ga-b EZ(A)- $\forall j \in \Omega$, $\alpha \in Z(\Delta)$: $[\alpha, x] = 0$ $\forall x \in A$ $\Rightarrow [A\alpha, x] = [A\alpha, x] = [A\alpha, x] = 0$ $\Rightarrow [A\alpha \in Z(\Delta)]$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B \circ P \text{ desse} Z(A) = [A\alpha, x] = 0$ $\Rightarrow A \circ B$ $d \in A: d \in \mathcal{F}(A) \subseteq \mathcal{F}(A) \supseteq \mathcal{F}: a \in \mathcal{F$ ۵۵

1 x e A [decay, x]=0	
[x,[c,a]]+[c,[a,x]] $[x,[c,a]]+[c,[a,x]]+[a,[n,c]]=0$ $[[c,a]]+[a,[n,c]]$ $=[c,a]+[a,x]+[a,[n,c]]$	رين اللات
$\Rightarrow \{d_{\zeta}(\alpha) = \forall x \in A \Rightarrow d_{\zeta}(\alpha) \in Z(A)$ $\Rightarrow \{d_{\zeta}(\alpha) = \forall x \in A \Rightarrow d_{\zeta}(\alpha) \in Z(A)$	م تاکی م
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$\forall a; b \in A$ $\forall (a+b) = d_{a+b}$ $\forall x \in A \Rightarrow d_{a+b}(x) = (a+b, x) = (a, x) + (b, x)$ $= d_a(x) + d_b(x)$	i i cipiu
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[La,b]-x]=[a,[b,x]]+[b,[x,a]]
$[[a,b], n] = [a,d_b(n)] = [b,[a,x]]$
$= [a, d_b(x)] [b, d_a(x)]$
$- \Rightarrow da(dh(n) - dh(da(n)) - dadh(n) - dhda(n)$
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=> f(a)= 0 > f(a) = f(b) √ (1) L.	<u></u>
$\Rightarrow \Theta(\alpha+I)=\Theta(b+I)$	
2 - P Si25 0 e' rat	این
0((a+1)-(b-1)) 0 ((a+b)+1) = f(a+b) = f(a)+f(b))
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47 E B. O(76+I) - O(20+I) - F(20) - 7-1(0)	
$= \frac{1}{2} \Theta(\alpha + I)$	
f([0,b]) - [f(a) f(b)] = [O(a+1), O(b+1)]	
T.A = A/T D B: OT al in col of year O a vision	
+a∈A = T(a) -a+I. (@(T(a)) = @(a+I) - l(a)	
(OT)(a) = f(a)	
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(o A)	
(A)	

 $\frac{1}{4\pi - \xi} = \frac{1}{3} \Theta \pi = 4\pi \qquad \text{in the polyment in }$ $\forall \alpha + \Sigma \in A_{I} \Rightarrow \Theta(\alpha - \Sigma) - \Theta(\pi(\alpha)) - \Theta(\pi(\alpha))$